

PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

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| Application Number | Unassigned |
| Filing Date | September 7, 2006 |
| First Named Inventor | Christopher N. Bowman, et al. |
| Art Unit | Unassigned |
| Examiner Name | Unassigned |
| Attorney Docket Number | 76775.011702 |

Sheet 1 of 1

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
| | | US- 4,536,523 A | 08/20/1985 | Antonucci | |
| | | US- 4,668,713 A | 05/26/1987 | Woods et al. | |
| | | US- 6,669,873 B1 | 12/30/2003 | Smith et al. | |
| | | US- 4,791,185 | 12/13/1988 | Kanemura et al. | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
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12/11/2008

PTO/SB/08B (07-06)

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of

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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------|--------------------------|---|----------------|
| | | International Search Report and Written Opinion of the International Searching Authority dated September 23, 2005 | |
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